## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                              | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|----------------------------------|---------------------|---------|---------------------|
| L2    | 19   | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord))  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:22 |
| L3    | 6    | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5)                            | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:22 |
| L4    | 3616 | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:22 |
| L5    | 0    | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) with (multi?plan\$4)                     | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:23 |
| L6    | 0    | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) with (multi?plan\$4 or MPR)              | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:23 |
| L7    | 0    | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) same (multi?plan\$4 or MPR)              | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:23 |
| L8    | 69   | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) and (multi?plan\$4 or MPR)               | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:24 |
| L9    | 0    | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) and (multi?plan\$4 or MPR) and sagitt\$5 | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND                 | OFF     | 2010/08/06<br>11:24 |

| L10 | 5   | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) and (multi?plan\$4)                          | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/06<br>11:24 |
|-----|-----|---|----------------------------------|-----|-----|---------------------|
| L11 | 0   | (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5) and (multi?plan\$4)                       | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/06<br>11:32 |
| L12 | 29  | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord))  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/06<br>11:32 |
| L13 | 0   | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5) and (multi?plan\$4 or MPR) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:33 |
| L14 | 6   | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5)                            | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:33 |
| L15 | 8   | sagitt\$3 same (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5 or MRI)                     | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:34 |
| L16 | 0   | (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5) and (multi?plan\$4 or MPR)                | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:35 |
| L17 | 139 | (composit\$2 or fus\$4) and (neuro?axis or (vertebrae with spin\$4 near2 cord)) and (magnet\$5 with resonan\$5)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:35 |
| L18 | 2   | (composit\$2 or fus\$4) and (neuro?axis or (disc with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) and (multi?plan\$4 or MPR)                    | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:36 |
| L19 | 79  | (composit\$2 or fus\$4) and (spin\$4 near2 (axis or cord)) and (magnet\$5 with resonan<br>\$5) and (multi?plan\$4 or MPR)                                 | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>11:45 |

| L20 | 0   | multi?echo same (neuro?axis or ((vertebrae or brain) with spin\$4 near2 cord)) same fat same water and color           | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>13:10 |
|-----|-----|--|----------------------------------|-----|-----|---------------------|
| L21 | 0   | multi?echo same (neuro?axis or ((vertebrae or brain) with spin\$4 near2 cord)) and fat<br>and water and color          | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>13:10 |
| L22 | 0   | (multi\$1 with echo\$1) and (neuro?axis or ((vertebrae or brain) with spin\$4 near2 cord)) and fat and water and color | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>13:10 |
| L23 | 4   | (multi\$1 with echo\$1) and (neuro?axis or ((vertebrae or brain) with spin\$4 near2 cord)) and tissue\$2 and color     | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/06<br>13:13 |
| L27 | 3   | 10/384202  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/06<br>14:19 |
| S1  | 1   | "20070223799"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>17:47 |
| \$2 | 4   | ("20020004632"   "6002959"   "6023495"   "6853741"). PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>17:54 |
| S3  | 35  | ((KENNETH) near2 (WEISS)).INV.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>19:53 |
| S4  | 0   | ((JUDD) near2 (STORRS)).INV.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>19:54 |
| S5  | 283 | ((universit\$3) near2 (cincinnati)).AS.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>19:54 |

| S6  | 3     | (S3 or S5) and neuro\$1axis   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>19:55 |
|-----|-------|---|----------------------------------|-----|-----|---------------------|
| S7  | 60055 | ((600/300,407,) or (607/2,43,116,117,) or (382/100,128,129,130,131,132,133,134,168,171,173,181,224) or (128/920,) or (378/1,37,21,41,42,38,44,51,,62,65,146) or (345/418,419,424,)).CCLS. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2010/01/12<br>19:56 |
| S8  | 106   | neuro\$1axis  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/12<br>20:22 |
| S9  | 0     | neuro\$1axis with (region near5 grow\$4)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/12<br>20:23 |
| S10 | 10    | neuro\$1axis same(region and grow\$4)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/12<br>20:23 |
| S11 | 379   | (brain with spin\$4 near2 cord) same (region and grow\$4)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/12<br>20:25 |
| S12 | 11    | (brain with spin\$4 near2 cord) same vertebra\$3 same (region and grow\$4)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/12<br>20:26 |
| S13 | 70    | automat\$5 with (spin\$3 or vertebra\$5) with (diagnos\$6)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>12:42 |
| S14 | 3     | automat\$5 with (spin\$3 and vertebra\$5) with (diagnos\$6)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>12:42 |
| S15 | 0     | automat\$5 with (spin\$3 and vertebra\$5) same (identif\$7) with (point near4 localiz\$5)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>12:55 |

| S16 | 5  | automat\$5 with (spin\$3 and vertebra\$5) same (identif\$7)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>12:56 |
|-----|----|--|----------------------------------|-----|-----|---------------------|
| S17 | 36 | automat\$5 with (spin\$3 or vertebra\$5) with (label\$6)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>13:04 |
| S18 | 6  | automat\$5 with (spine\$3 or spina\$3 or vertebra\$5) with (label\$6)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>13:07 |
| S19 | 10 | ("4630203").PN. OR ("6023495").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/13<br>13:16 |
| S20 | 4  | ("20020004632"   "6002959"   "6023495"   "6853741"). PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/13<br>13:17 |
| S21 | 3  | (S20 or S19) and (automat\$5 with (spin\$3 or vertebra\$5))  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/13<br>13:17 |
| S22 | 8  | (S20 or S19) and (spin\$3 or vertebra\$5)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/13<br>13:19 |
| S23 | 5  | S22 not S21  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/13<br>13:19 |
| S24 | 0  | automat\$5 with (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) same (identif\$7) with (point near4 localiz\$5) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>13:26 |
| S25 | 0  | automat\$5 with (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) same (identif\$7) same (point near4 localiz\$5) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>13:27 |

| S26 | 17 | automat\$5 same (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) and ((identif\$7 or label\$4) same (point near4 localiz\$5)) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:27 |
|-----|----|---|----------------------------------|-----|----|---------------------|
| S27 | 24 | automat\$5 same (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) and ((identif\$7 or label\$4) same (MR))                     | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:43 |
| 528 | 14 | automat\$5 same (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) and ((segment\$5) same (MR))                                 | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:45 |
| S29 | 3  | S28 not S27   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:45 |
| 330 | 51 | automat\$5 same (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) and (region near2 grow\$3)                                   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:52 |
| 331 | 34 | automat\$5 same (spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) and (region near2 grow\$3) and label\$3                      | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:53 |
| 332 | 0  | automat\$5 same ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with (region near2 grow\$3)) and label\$3                   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:53 |
| 333 | 6  | automat\$5 same ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) same (region near2 grow\$3)) and label\$3                   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:53 |
| 334 | 0  | automat\$5 same ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with (region near2 grow\$3))                                | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:54 |
| S35 | 10 | ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with (region near2 grow<br>\$3)) and segment\$5                             | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:55 |

| S36     | 4     | ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with (region near2 grow \$3)) same segment\$5         | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>13:55 |
|---------|-------|---|----------------------------------|-----|----|---------------------|
| S37     | 10    | ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with ((region or seed) near2 grow\$3)) and segment\$5 | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:07 |
| 339     | 14    | ((spin\$3 and vertebra\$5 or thorac\$3 or lumbar\$2 or cervic\$3) with ((region or seed) near2 grow\$3))                | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:08 |
| 540     | 4     | S39 not (S35 or S36)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:08 |
| 341     | 44563 | ((region or seed) near2 grow\$3)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:09 |
| 342     | 30    | ((region or seed) near2 grow\$3) with (spine or spina\$3)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:10 |
| ¥4      | 22    | S42 not (S35 or S39)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:11 |
| 345     | 1     | 11/539386   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>14:28 |
| <br>346 | 1     | (brain with spin\$4 near2 cord) same (imag\$3 near5 coil\$1) same localiz\$5  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:33 |
| \$47    | 0     | (brain with spin\$4 near2 cord) same (imag\$3 near5 coil\$1) same localiz\$5 and sheath                                 | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:34 |

| S48 | 15  | (imag\$3 near5 coil\$1) same localiz\$5 and sheath and adhesiv\$3                          | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:35 |
|-----|-----|--|----------------------------------|-----|----|---------------------|
| S51 | 0   | (imag\$3 near5 ∞il\$1) with contour\$1 same localiz\$5                                     | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:37 |
| S52 | 3   | (imag\$3 near5 coil\$1) same localiz\$5 and (sheath with mov\$3)                           | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:53 |
| S53 | 5   | (imag\$3 near5 coil\$1) same localiz\$5 and (sheath with (mobil\$3 or mov\$3 or rotat\$4)) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:54 |
| S54 | 46  | localiz\$5 and (dye with (fabric and adhesive))  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>17:59 |
| S55 | 4   | radiol\$6 with therap\$5 with prescription\$1  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>19:35 |
| S56 | 27  | radiol\$6 with prescription\$1 same automat\$7   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>19:41 |
| S57 | 0   | refill6 with prescription\$1 same automat\$7   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>19:47 |
| S58 | 292 | refill with prescription\$1 same automat\$7  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>19:47 |
| S59 | 20  | refill with prescription\$1 same automat\$7 and radiolog\$5                                | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2010/01/13<br>19:47 |

| S60     | 17    | S59 not S56   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>19:47 |
|---------|-------|---|----------------------------------|-----|-----|---------------------|
| S61     | 99    | (spin\$3 or vertebr\$3) same (identif\$7 or label\$3) same prescription\$1  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>19:54 |
| 562     | 33    | (spin\$3 or vertebr\$3) with (identif\$7 or label\$3) same prescription\$1  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>19:55 |
| 363     | 13    | localiz\$5 and (stain with (fabric and adhesive))   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>20:02 |
| S64     | 0     | (tissue with localiz\$5) and (stain with (fabric and adhesive))   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>20:03 |
| 365     | 0     | (tissue with stain with (fabric and adhesive))  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>20:03 |
| 366     | 18    | tissue with (stain or dye or mark) same ((fabric or cloth or banda\$3) same adhesive)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/01/13<br>20:04 |
| <br>367 | 1     | "20030086596"   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/01/14<br>19:10 |
| <br>368 | 9     | (US-20070223799-\$ or US-20080132784-\$ or US-20060122483-\$ or US-20080044074-\$ or US-20060241368-\$ or US-20030086596-\$).did. or (US-6002959-\$ or US-4294577-\$ or US-6011061-\$).did. | US-<br>PGPUB;<br>USPAT           | AND | OFF | 2010/04/20<br>14:17 |
| <br>369 | 29257 | "23" with disc\$3   | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:24 |
| S70     | 1     | S68 S69   | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:24 |

| S71     | 180 | "23" with vertebr\$3 with disc\$3  | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:24 |
|---------|-----|--|----------------------------------|-----|-----|---------------------|
| S72     | 0   | "23" with vertebr\$3 with disc\$3 with (identif\$6 or count\$5)  | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:26 |
| S73     | 0   | "23" with vertebr\$3 with disc\$3 with ∞unt\$3   | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:36 |
| S74     | 2   | "23" with vertebr\$3 with disc\$3 with label\$3  | US-<br>PGPUB;<br>USPAT           | AND | ON  | 2010/04/20<br>14:36 |
| S75     | 4   | ("20020004632"   "6002959"   "6023495"   "6853741"). PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/04/21<br>11:03 |
| <br>376 | 4   | S75 and "22"   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/04/21<br>11:05 |
| <br>S77 | 0   | S75 and ("22" same verteb\$5)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/04/21<br>11:05 |
| 578     | 0   | S75 and ("22" same dis\$2)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/04/21<br>11:06 |
| <br>379 | 3   | S75 and ("22" same spin\$4)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/04/21<br>11:06 |
| <br>380 | 10  | (US-20070223799-\$ or US-20080132784-\$ or US-20060122483-\$ or US-20080044074-\$ or US-20060241368-\$ or US-20030086596-\$ or US-20070127799-\$).did. or (US-6002959-\$ or US-4294577-\$ or US-6011061-\$).did. | US-<br>PGPUB;<br>USPAT           | AND | OFF | 2010/06/24<br>15:20 |
| S81     | 3   | S80 and composit\$4  | US-<br>PGPUB;<br>USPAT           | AND | OFF | 2010/06/24<br>15:21 |

| S82     | 312  | (spine\$3 or spina\$3 or vertebra\$5) with (identif\$7 or label\$6 or detect\$4) with ("22" or "23")   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>18:34 |
|---------|------|--|----------------------------------|-----|-----|---------------------|
| S83     | 41   | (spine\$3 or spina\$3 or vertebra\$5) with (identif\$7 or label\$6 or detect\$4) with ("22" and "23")  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>18:34 |
| 384     | 1970 | cephalad   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:04 |
| 385     | 0    | cephalad with disc\$1 with cranial?caudal  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:04 |
| 386     | 7    | cephalad and disc\$1 and cranial?caudal  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:04 |
| 387     | 448  | ((magnetic\$4 with resonan\$4) or MRI or MRA) same (spin\$3 and vertebra\$5 or thorac<br>\$3 or lumbar\$2 or cervic\$3) same (identif\$7 or detect\$4 or label\$4 or point\$3) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:20 |
| <br>388 | 99   | (cephalad or top\$2 or high\$3) and disc\$1 and cranial?caudal   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:27 |
| <br>389 | 0    | (cephalad or top\$2 or high\$3) sam disc\$1 same cranial?caudal  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:28 |
| <br>390 | 4    | (cephalad or top\$2 or high\$3) same (disc\$1 or vertebr\$3) same cranial?caudal\$3  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2010/08/02<br>19:28 |
| 391     | 15   | \$ or US-20040252870-\$ or US-20030099397-\$ or US-20060251302-\$ or US-20050152588-\$ or US-20030223627-\$ or US-20060110017-\$ or US-20080013672-\$ or                       | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:01 |

| S92  | 3031 | localiz\$4 with angle\$1  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:01 |
|------|------|---|----------------------------------|-----|-----|---------------------|
| S93  | 110  | localiz\$4 with angle\$1 with "45"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:07 |
| S94  | 9    | localiz\$4 with angle\$1 with "45" and medical\$2   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:07 |
| S95  | 0    | localiz\$4 with angle\$1 with "45" and medical\$2 with imag\$3  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:49 |
| S96  | 0    | localiz\$4 with grid\$3 with medical\$2 with imag\$3  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:55 |
| S97  | 0    | localiz\$4 with grid\$3 same medical\$2 with imag\$3  | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:55 |
| S98  | 47   | localiz\$4 with grid\$3 and medical\$2 with imag\$3   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:55 |
| S99  | 32   | localiz\$4 with grid\$3 and medical\$2 with imag\$3 and mark\$3   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:57 |
| S100 | 24   | localiz\$4 with grid\$3 and medical\$2 with imag\$3 and mark\$3 and angle\$1                            | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>15:58 |
| S101 | 0    | localiz\$4 same sagittal same axial same cross?section\$3 same (correlat\$3 or identif\$7 or detect\$3) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>16:20 |

| S102 | 16 | localiz\$4 and (sagitt\$4 same axia\$4 same cross?section\$3) same (correlat\$3 or identif \$7 or detect\$3)              | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>16:20 |
|------|----|---|----------------------------------|-----|-----|---------------------|
| S103 | 5  | (localiz\$4 or mark\$3) same (sagitt\$4 same axia\$4 same cross?section\$3) same (correlat\$3 or identif\$7 or detect\$3) | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>16:24 |
| S104 | 67 | "5270654"   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>17:17 |
| S105 | 1  | "5270654".pn.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>17:17 |
| S106 | 0  | sagitt\$3 with (composit\$2 or fus\$4) with (neuro?axis or (brain with spin\$4 near2 cord))                               | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>17:35 |
| S107 | 0  | sagitt\$3 with (composit\$2 or fus\$4) same (neuro?axis or (brain with spin\$4 near2 cord))                               | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>17:35 |
| S108 | 5  | sagitt\$3 with (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord))                                | US-<br>PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2010/08/04<br>17:35 |

## EAST Search History (Interference)

| Ref# | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|------|------|--|------|------------------|---------|------------------|
| L24  | 0    | sagitt\$3 with (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord))   | UPAD | AND              | OFF     | 2010/08/06 14:18 |
| L25  | 10   | sagitt\$3 and (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord))  | UPAD | AND              | OFF     | 2010/08/06 14:18 |
| L26  | 0    | 10/384202  | UPAD | AND              | OFF     | 2010/08/06 14:19 |
| L28  | 0    | (composit\$2 or fus\$4) and (neuro?axis or (disc with spin\$4 near2 cord)) and (magnet \$5 with resonan\$5) and (multi?plan\$4 or MPR) | UPAD | AND              | ON      | 2010/08/06 14:21 |
| L29  | 0    | (localiz\$4 or mark\$3) same (sagitt\$4 same axia\$4 same cross?section\$3) same (correlat\$3 or identif\$7 or detect\$3)              | UPAD | AND              | OFF     | 2010/08/06 14:21 |

| L30 | 0 | (composit\$2 or fus\$4) and (neuro?axis or (brain with spin\$4 near2 cord)) and (magnet | UPAD | AND | OFF | 2010/08/06 14:22 |
|-----|---|---|------|-----|-----|------------------|
|     | } | \$5 with resonan\$5) with (multi?plan\$4)   |      |     |     |                  |
| L31 | 0 | (multi\$1 with echo\$1) and (neuro?axis or ((vertebrae or brain) with spin\$4 near2     | UPAD | AND | ON  | 2010/08/06 14:22 |
|     |   | cord)) and tissue\$2 and color  |      |     |     |                  |

## 8/6/2010 2:26:02 PM

 $\textbf{C:} \ \, \textbf{Documents and Settings: tansari: My Documents: EAST: Workspaces: 10598764.wsp}$